- 1. A method for manufacturing a body of revolution comprising at least the following steps:
 - at least a first heated composite strip is introduced into at least one die,
- at least one molten material is introduced simultaneously into said die in contact with said first composite strip, so as to obtain at least one second composite strip,

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- said second composite strip is wound around a support rotating about its axis.
- 2. The method as claimed in claim 1, **characterized in that** the first composite strip is formed from continuous strands formed of glass filaments and filaments of organic thermoplastic, preferably intimately mingled.
- 3. The method as claimed in either of the preceding claims, **characterized** in that the first strip has a void volumetric ratio of less than 5%.
- 4. The method as claimed in any one of the preceding claims, characterized in that the first strip is obtained by assembling continuous composite strands in parallel into at least one layer, introducing this layer into a region where it is heated to a temperature at least meeting the melting point of the first thermoplastic, then by passing this layer of heated strands through an impregnation device to homogeneously distribute the molten first thermoplastic and impregnate the reinforcing fibers therewith.
- 5. The method as claimed in any one of the preceding claims, characterized in that the first strip is heated to and/or kept at temperature as far as the die or as far as the singular or plural means for winding the second strip.
- 6. The method as claimed in any one of the preceding claims, characterized in that the second strip has a reinforcing material content of between 0 and 60 wt% of the strip over at least a certain part of its length, it also being possible for this content to vary along the length of the strip.
- 7. The method as claimed in any one of the preceding claims, characterized in that the second material is introduced into the die once it has been conditioned by an extrusion device.
 - 8. A device for manufacturing a body of revolution, **characterized in that** it comprises:
 - one or more means for producing at least one first heated composite strip,

- at least one die for simultaneously receiving at least the first composite strip and at least one molten material in contact with said first composite strip, so as to obtain at least one second composite strip,
- one or more means for winding said second composite strip around a
 5 support rotating about its axis.
 - 9. The device as claimed in claim 8, **characterized in that** the singular or plural winding means comprise at least one laying head, the die being situated at the outlet from the laying head.
- 10. The device as claimed in one of claims 8 and 9, characterized in that it10 comprises:
 - one or more means for driving and assembling the strands in the form of at least one bundle of parallel strands;
 - one or more means for heating said bundle;

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- at least one device for impregnating the heated bundle so as to obtain a strip;
- one or more means for keeping the strip at temperature at least as far as the die.
- 11. The device as claimed in any one of claims 8 to 10, **characterized in that** an extruder supplies the molten second material to the die sized to the cross section of the second strip.
- 12. A composite body of revolution having at least one region formed solely of the winding of a strip, this strip being formed of a composite strip on which a dilution material has been deposited.
- 13. A composite body of revolution having at least one region formed solely of the winding of a composite strip, this region having a reinforcement(s) content that is variable and/or reduced and/or at least some of the reinforcement(s) in this region having a position that is off-centered within the organic material in which it is embedded and/or the reinforcement(s) in this region being embedded in at least two different materials and/or it being possible for this region to be in direct contact with the inside and/or with the outside of the body of revolution.
 - 14. A composite body of revolution with a variable reinforcement(s) content.
- 15. A composite structure such as a pipe or a reservoir, comprising at least one body of revolution as claimed in one of claims 12 to 14.